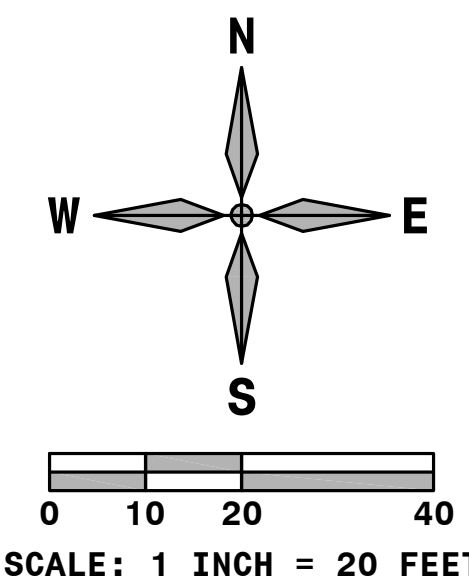
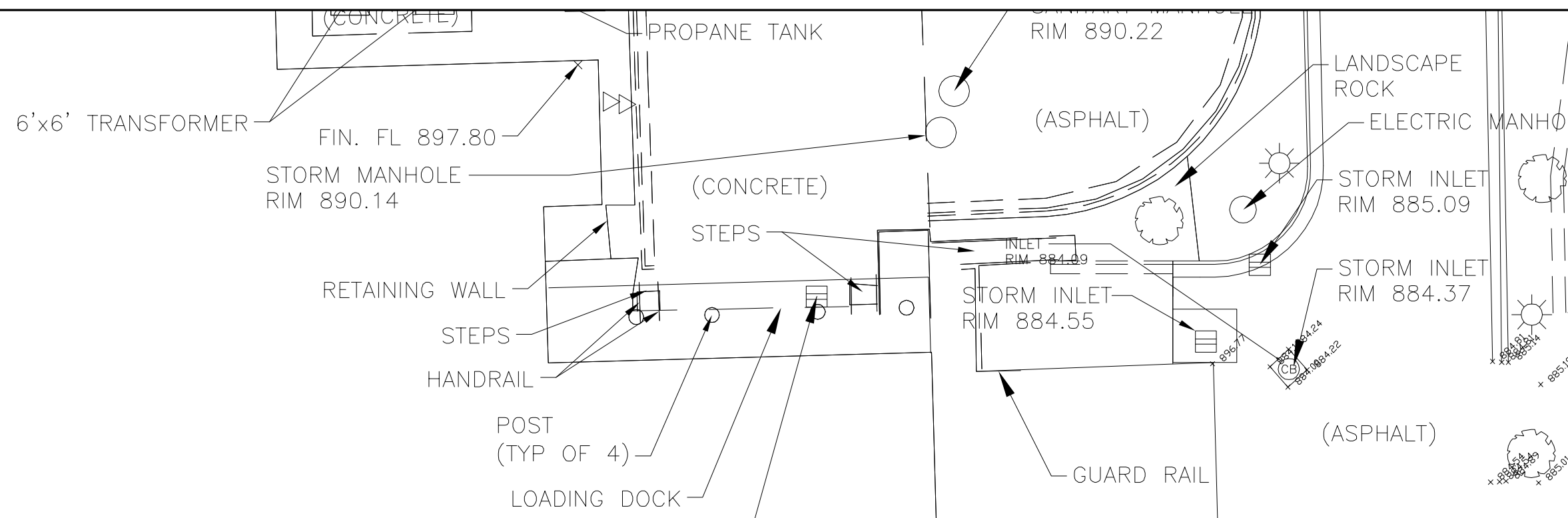




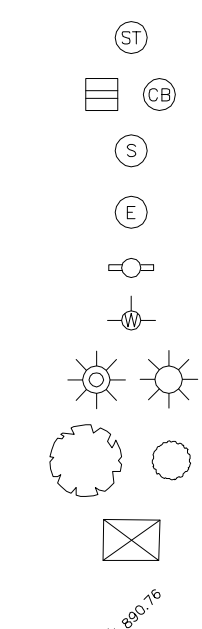
VA HOSPITAL
DOOR
EL. 90
BUILDING No.9

EX. BUILDING

FIN. FL. 890.23
EX. BUILDING



SYMBOL LEGEND:



EXISTING STORM MANHOLE
EXISTING STORM INLET
EXISTING SANITARY MANHOLE
EXISTING ELECTRIC MANHOLE
EXISTING GATE VALVE
EXISTING FIRE HYDRANT
EXISTING LIGHT POLE

EXISTING TREE

EXISTING TRANSFORMER

EXISTING SPOT ELEVATION (EXAMPLE ELEVATION)

NEW RIM ELEVATION (EXAMPLE ELEVATION)

NEW TOP OF PAVEMENT ELEVATION (EXAMPLE ELEVATION)
NEW GUTTER ELEVATION (EXAMPLE ELEVATION)

NEW TOP OF CURB ELEVATION (EXAMPLE ELEVATION)
NEW SIDEWALK ELEVATION (EXAMPLE ELEVATION)
NEW TOP OF WALL ELEVATION (EXAMPLE ELEVATION)

MATCH EXISTING ELEVATION

PLAN NOTES:

1. CONTRACTOR SHALL PROTECT ALL PROPERTY PINS. PROPERTY PINS DESTROYED OR DISTURBED SHALL BE REPLACED AT CONTRACTORS EXPENSE.
2. CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. NORTH DAKOTA ONE CALL WILL ONLY LOCATE THEIR MAINS AND WILL NOT LOCATE PRIVATE UTILITIES ON THIS SITE. THE VA IS NOT RESPONSIBLE FOR LOCATING ANY ON SITE UTILITIES.
3. ALL GRASSED AREAS DISTURBED BY CONSTRUCTION SHALL HAVE TOPSOIL (6" DEPTH), BE GRADED, AND SEED.
4. ALL WORK ILLUSTRATED ON THE GRADING PLAN WILL BE INCLUDED UNDER ALTERNATE BID NO.4.

BENCHMARKS:

1. BM#1: THE SOUTHEAST FLANGE BOLT OF THE FIRE HYDRANT LOCATED IN THE NORTHWEST QUADRANT OF 21ST AVENUE NORTH AND ELM STREET.
ELEV: 902.46 (NAVD 88)
2. BM#2: THE SOUTHEAST FLANGE BOLT OF THE FIRE HYDRANT LOCATED EAST OF ELM STREET AND 21ST AVENUE NORTH ENTRANCE.
ELEV: 902.74 (NAVD 88)

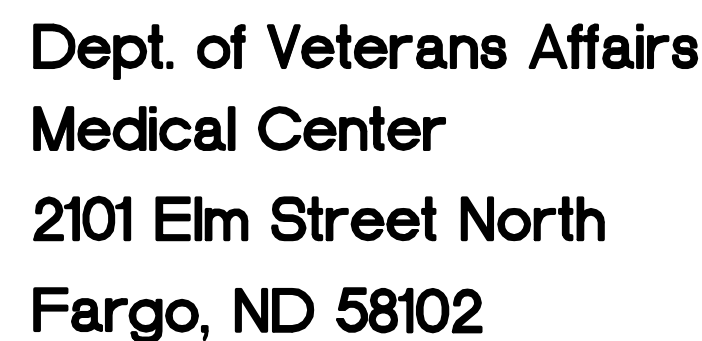
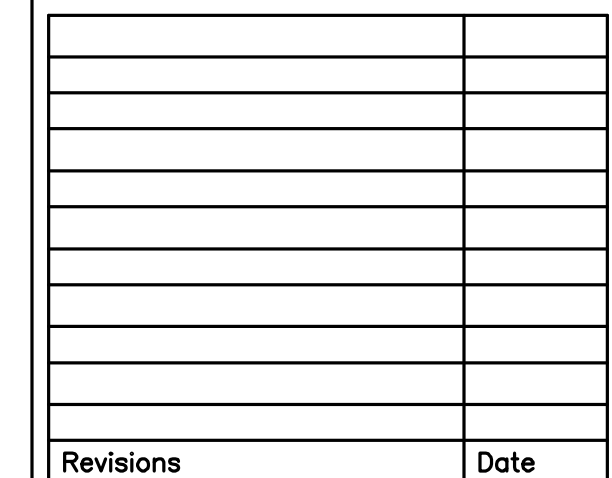
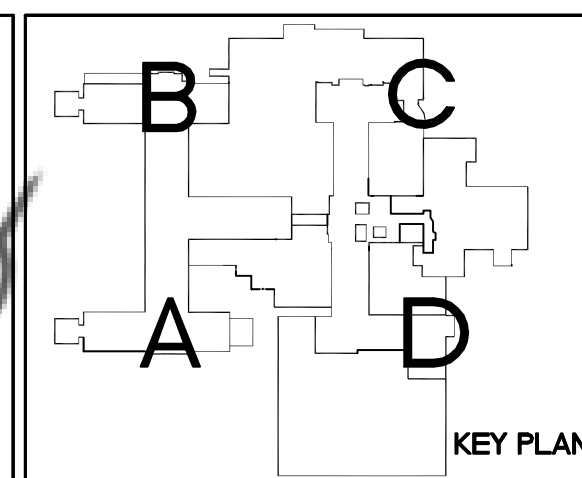



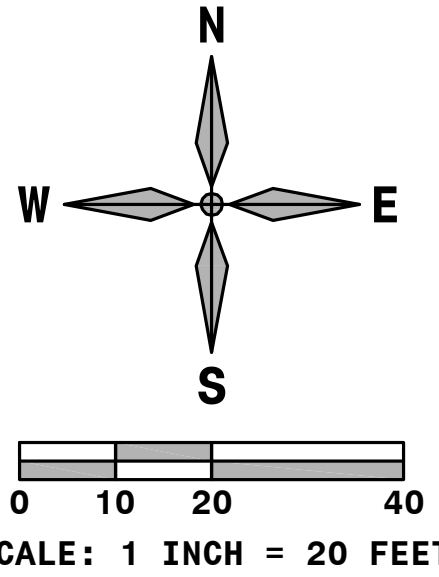
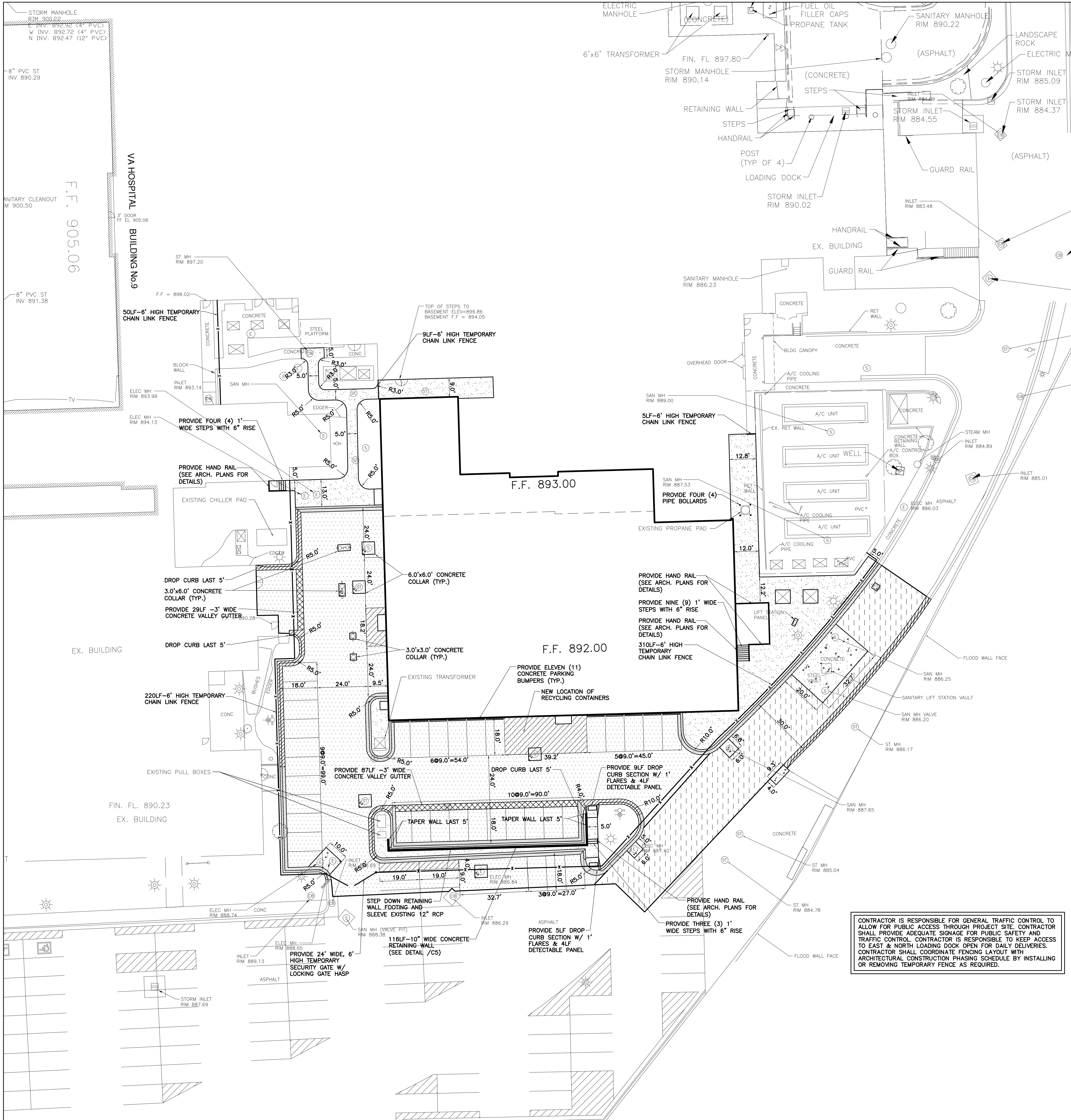
IMAGE GROUP INC., Architecture & Interiors
SOLIEN & LARSON ENGINEERING, Structural Engineers
OBERMILLER NELSON ENGINEERING, Mechanical Engineers
MBN ENGINEERS, Civil & Electrical Engineers
TRIO ENVIRONMENTAL, Environmental Consultants



Drawing Title <h1 style="text-align: center;">GRADING PLAN</h1>		Project Title VA MEDICAL CENTER CLC EXPANSION AND REMODELING			Date November 1, 2011
VA Project No. 437-311		Contract No. VA263-P-0968 VA263-C-		Designed By TE	Checked By JM
Building No. 1		AutoCAD File Name		Drawn By TE	Drawing No. C1
		Location VA MEDICAL CENTER FARGO, ND			Dwg. 3 of 136

Department of
Veterans Affairs





SYMBOL LEGEND:

	EXISTING STORM MANHOLE
	EXISTING STORM INLET
	EXISTING SANITARY MANHOLE
	EXISTING ELECTRIC MANHOLE
	EXISTING LIGHT POLE
	EXISTING GATE VALVE
	EXISTING FIRE HYDRANT
	EXISTING TREE
	EXISTING TRANSFORMER
	TEMPORARY 6' HIGH CHAIN LINK FENCE
	NEW 4' REINFORCED CONCRETE SIDEWALK
	NEW 6' REINFORCED CONCRETE PAVEMENT
	NEW 6' ASPHALT PAVEMENT
	NEW 9' ASPHALT PAVEMENT
	NEW TYPE I MOUNTABLE CURB & GUTTER
	NEW TYPE II MOUNTABLE CURB & GUTTER
	NEW 3' WIDE CONCRETE VALLEY GUTTER
	NEW 10' WIDE CONCRETE RETAINING WALL

PLAN NOTES:

- CONTRACTOR SHALL PROTECT ALL PROPERTY PINS. PROPERTY PINS DESTROYED OR DISTURBED SHALL BE REPLACED AT CONTRACTORS EXPENSE.
- CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. NORTH DAKOTA ONE CALL WILL ONLY LOCATE THEIR MAINS AND WILL NOT LOCATE PRIVATE UTILITIES ON THIS SITE.THE VA IS NOT RESPONSIBLE FOR LOCATING ANY ON SITE UTILITIES.
- ALL GRASSED AREAS DISTURBED BY CONSTRUCTION SHALL HAVE TOPSOIL (6" DEPTH), BE GRADED, AND SEEDED.
- ALL WORK ILLUSTRATED ON THE PAVING PLAN WILL BE INCLUDED UNDER ALTERNATE BID NO.4.

BENCHMARKS:

- BH#1: THE SOUTHEAST FLANGE BOLT OF THE FIRE HYDRANT LOCATED IN THE NORTHWEST QUADRANT OF 21ST AVENUE NORTH AND ELM STREET.
ELEV: 902.46 (NAVD 88)
- BH#2: THE SOUTHEAST FLANGE BOLT OF THE FIRE HYDRANT LOCATED EAST OF ELM STREET AND 21ST AVENUE NORTH ENTRANCE.
ELEV: 902.74 (NAVD 88)

CONTRACTOR IS RESPONSIBLE FOR GENERAL TRAFFIC CONTROL TO ALLOW FOR PUBLIC ACCESS THROUGH PROJECT SITE. CONTRACTOR SHALL PROVIDE ADEQUATE SIGNAGE FOR PUBLIC SAFETY AND TRAFFIC CONTROL. CONTRACTOR IS RESPONSIBLE TO KEEP ACCESS TO EAST & NORTH LOADING DOCK OPEN FOR DAILY DELIVERIES. CONTRACTOR SHALL COORDINATE FENCING LAYOUT WITH ARCHITECTURAL CONSTRUCTION PHASING SCHEDULE BY INSTALLING OR REMOVING TEMPORARY FENCE AS REQUIRED.

Revisions

Date

Dept. of Veterans Affairs
Medical Center
2101 Elm Street North
Fargo, ND 58102

IMAGE GROUP INC., Architecture & Interiors
SOLLEN & LARSON ENGINEERING, Structural Engineers
OBERMILLER NELSON ENGINEERING, Mechanical Engineers
MBN ENGINEERS, Civil & Electrical Engineers
TRIO ENVIRONMENTAL, Environmental Consultants

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Drawing Title		Project Title		Date	
PAVING PLAN		VA MEDICAL CENTER CLC EXPANSION AND REMODELING		November 1, 2011	
VA Project No.	Contract No.	Designed By	Checked By	Drawn By	Drawing No.
437-311	VA263-P-0968 VA263-C-	TE	JM	TE	C2
Building No.	AutoCAD File Name	Location		Dwg. 4 of 136	
1		VA MEDICAL CENTER FARGO, ND			



① NOTE:
1. PLACE DUMMY JOINT AT 10'0"
O.C. FOR ASPHALT PAVING.

② NOTE:
1. 1" EXPANSION JOINTS PLACED AT
P.C.'S AND HIGH POINTS FOR
ASPHALT PAVING.

③ **NOTE:**
1. DIMENSION "A" SHALL MATCH THE THICKNESS OF THE ADJOINING PAVEMENT WITH EITHER INTEGRAL OR SEPERATE CURB

1 (TYPE I OR TYPE II) MOUNTABLE CONCRETE CURB AND GUTTER DETAIL
C3 NOT-TO-SCALE



2 10" WIDE CONCRETE RETAINING WALL DETAIL
C3 NOT-TO-SCALE

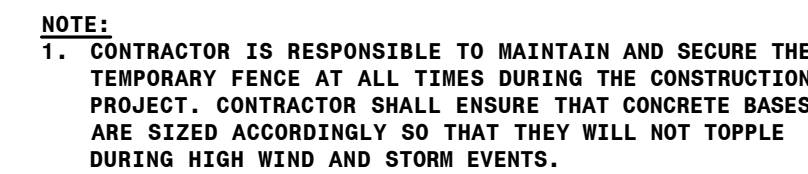


3 TYPICAL MANHOLE ISOLATION DETAIL
C3 NOT-TO-SCALE



NOTE:
1. REFER TO PLANS FOR LENGTH OF VALLEY GUTTER.


7 3' WIDE CONCRETE VALLEY GUTTER DETAIL
C3 NOT-TO-SCALE



NOTE:
1. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SECURE THE TEMPORARY FENCE AT ALL TIMES DURING THE CONSTRUCTION PROJECT. CONTRACTOR SHALL ENSURE THAT CONCRETE BASES ARE SIZED ACCORDINGLY SO THAT THEY WILL NOT TOPPLE DURING HIGH WIND AND STORM EVENTS.

8 6' HIGH TEMPORARY CHAIN LINK FENCE
C3 NOT-TO-SCALE



Drawing Title DETAILS		Project Title VA MEDICAL CENTER CLC EXPANSION AND REMODELING			Date November 1, 2011	 Department of Veterans Affairs
					AS NOTED	
VA Project No. 437-311	Contract No. VA263-P-0968 VA263-C-	Designed By TE	Checked By JM	Drawn By TE	Drawing No. C3	
Building No. 1	AutoCAD File Name	Location VA MEDICAL CENTER FARGO, ND			Dwg. of 136	